P.W.C. 17 | 1st and final bill | Original/Duplicate/Triplicate

NO

## CONTRACT CERTIFICATE

Reference paras 158 & 170

Division Yelahanka | Sub division Yelahanka New Layout | AEE YSTSD

YNK-DBR No. 96 Date 30.06.17

Bills received No | Sub-divisional | Cash book vr No 48/17-18

SBR No: Date

Scheduled Docket No | Divisional | Date: 30-6-2017

Name of work(as per sanctioned estimate) P-1771 | Head of account

NAME OF WORK : Construction of RCC drains and providing asphalting to MIG 3rd phase old post office road in ward no 04

Work code:004-17-000039

Name of contractor and full address :- G Venkategwoda

Reference to agreement No :- 45 | Estimated cost :27.00 | W.O.dated:45/17-18, dt:24/05/2017

Certified that the measurments were taken by me on 30/06/2017 and recorded on pages 100439 to 440 of measurment book No 1005 and the work is satisfactorily executed by the contractor

Signature of contractor

Ramanaiah AE

Assistant Engineer

Certified that the measurments were taken by me on 30/6/17 and recorded correct The work is satisfactorily executed Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon A formal agreement signed and executed by the contractor is recorded in divisional office

Sub-divisional officer

### II MEMORANDUM OF PAYMENT

| | | |
|---|---|---|
| 1) Total value of work done or supplies as per A/c within | | |
| 2) Deduct amount to be held in reserve being-----percent Rs----------%--------- | | |
| 3) Balance--- | 1st & Final | 264098:00 |
| 4) Deduct payments | | |
| a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S D No----------Amount adjusted towards cash advance recovery of | IT | 26405:00 |
| | VAT | 105620:00 |
| | LC | 26405:00 |
| b) Cost of payments/stores or other materials supplied now made recovery of | CAF | 2640:00 |
| Amount paid on this bill by cheque/cash | LL | 27233:00 |
| Total | | |
| 5) Balance being unpaid value of work done held in reserve | | |
| 6) Deduct cash of advance made on divisional/sub divisional cash book | T.D | 188303:00 |
| 7) Net amount due to or from contractor | Net | 2452195:00 |
| UN ADJUSTED ITEMS | | |
| 8) Advance to contractor for materials to site(as detailed within) | | |
| 9) Value of government materials supplied | | |
| TOTAL AMOUNT UN-ADJUSTED | | |

**Contractor's signatures**

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Dated signature of contractor

paid by me cheque No dated

Reciept Stamp

Audited & Admitted for Rs 264098:00

245195:00 by Cheque

and Rs 188303:00 by adjustment

Asst. Suptd. Yelahanka Division BBMP

Exe. Engineer Yelahanka Division BBMP

Cash Rs

Date

Initials of officer making payment

Date

Executive Engineer

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurment | | Present Measurment | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 1 | KSRB 2-2.1 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, specification, specification, No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17 | cum | | | 289.00 | 180.00 | 52020.00 | 289.00 | 52020.00 |
| 2 | KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moor um.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17) | cum | | | 289.00 | 80.00 | 23120.00 | 289.00 | 23120.00 |

| Sl No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurment | | Present Measurment | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 3 | KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2016-17) | cum | | | 43.08 | 5100.00 | 219708.00 | 43.08 | 219708.00 |

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurment | | Present Measurment | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 4 | KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness ) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapetscoping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (excluding cost of steel, fabrication & plastering) Specification No. KBS 4.1, 4.6 | cum | | | 102.40 | 6200.00 | 634880.00 | 102.40 | 634880.00 |
| 5 | KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr2016-17,p.no17,s.no4.46) | qntl | | | 72.84 | 5500.00 | 400620.00 | 72.84 | 400620.00 |

| No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurment | | Present Measurment | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 6 | KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2015-16, p no15/4.31) | sqm | | | ~~810.76~~ 812.51 | 300.00 | 243228 ~~243753.00~~ | ~~810.76~~ ~~812.51~~ | 243228 ~~243753.00~~ |
| 7 | RCC precast covering slab for drain (10 cm thick) | sqm | | | ~~260~~ ~~261.00~~ | 2100.00 | 546000 ~~548100.00~~ | ~~260~~ ~~261.00~~ | 546000 ~~548100.00~~ |
| 8 | Cleaning the exisiting black toppes surface with broom soft brushes and family dusting with olf gunny bags and / or compressed air to receive bitumen treatment incldluing of all materails | sqm | | | 1015.00 | 3.00 | 3045.00 | 1015.00 | 3045.00 |
| 9 | KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting withvibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 | cum | | | 57.4 ~~58.00~~ | 1700.00 | 97580 ~~98600.00~~ | 57.4 ~~58.00~~ | 97580 ~~98600.00~~ |

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurment | | Present Measurment | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 10 | Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular sub base such as WMM inlcuding cleaning of road surface and sparying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification | sqm | | | 290.00 | 25.00 | 7250.00 | 290.00 | 7250.00 |
| 11 | KSRRB M500- 15. Providing, laying and rolling with vibratory roller of built-up spray grout layer over prepared base consisting of a two layer composite construction of compacted crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the second layer to serve as a base conforming to the line, grades and cross-section specified, the compacted layer thickness being 75mm complete as per specifications. MORTH Specification No. 506 | cum | | | 14.50 | 6400.00 | 92800.00 | 14.50 | 92800.00 |
| 12 | KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface ) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 | sqm | | | 1015.00 | 14.00 | 14210.00 | 1015.00 | 14210.00 |

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurment | | Present Measurment | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 13 | KSRRB M500- 15. Providing, laying and rolling with vibratory roller of built-up spray grout layer over prepared base consisting of a two layer composite construction of compacted crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the second layer to serve as a base conforming to the line, grades and cross-section specified, the compacted layer thickness | cum | | | 40.60 | 7190.00 | 291914.00 | 40.60 | 291914.00 |
| 14 | KSRRB M800-13 **Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:-** Providing and laying of hot applied thermoplastic compound2 5 mm thick including reflectorising glass beads at 250 gms per sqmarea, thickness of 2 5 mm is exclusive of surface applied glass beads as per IRC 35 The finished surface to be level, uniform and free from streaks and holes complete as per specifications | sqm | | | 29.00 | 487.00 | 14123.00 | 29.00 | 14123.00 |
| | | | | | TOTAL | | 2644143.00 | | 2644143.00 |

2640498:00 2640498:00

Ramesaygowda AR

Asst. Engineer

Executive Engineer